

GenCore version 5.1.4.D5.4578
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OM nucleic - nucleic search, using sw model

Run on: May 9, 2003, 11:55:55 ; Search time 36 Seconds
(without alignments)
3731.234 Million cell updates/sec

Title: US-09-409-800B-3_COPY_2389_2826
Perfect score: 438
Sequence: 1 gcaaaaacagagaccacag.....ttagatagcagactcttg 438

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 08
Maximum Match 1008
Listing first 45 summaries

Database :
1: /cgn2.6/pdata/1/ina/5A.COMB.seq.*
2: /cgn2.6/pdata/1/ina/5B.COMB.seq.*
3: /cgn2.6/pdata/1/ina/6A.COMB.seq.*
4: /cgn2.6/pdata/1/ina/6B.COMB.seq.*
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6: /cgn2.6/pdata/1/ina/PC/US.COMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	353.4	80.7	733	US-09-025-769B-271	Sequence 271, App
C 2	353.4	80.7	1947	US-09-025-769B-264	Sequence 264, App
C 3	353.4	80.7	2755	US-07-916-098A-7	Sequence 7, Appl
4	353.4	80.7	2755	US-09-025-769B-274	Sequence 274, App
5	353.4	80.7	2961	US-08-446-935-6	Sequence 6, Appl
6	353.4	80.7	3190	US-09-027-165-6	Sequence 6, Appl
C 7	353.4	80.7	3266	US-08-737-316A-2	Sequence 2, Appl
C 8	353.4	80.7	3307	US-09-401-171C-11	Sequence 11, Appl
C 9	353.4	80.7	3343	5453363-2	Patent No. 5453363
10	353.4	80.7	3418	US-08-944-916-12	Sequence 12, Appl
11	353.4	80.7	3516	US-09-058-483-9	Sequence 9, Appl
C 12	353.4	80.7	3564	US-09-235-246-20	Sequence 20, Appl
C 13	353.4	80.7	3664	US-08-148-675A-1	Sequence 1, Appl
14	353.4	80.7	3699	US-08-053-131-120	Sequence 120, App
15	353.4	80.7	3699	US-08-643-641-120	Sequence 120, App
16	353.4	80.7	3699	US-07-853-408B-120	Sequence 120, App
17	353.4	80.7	3699	US-08-096-762-120	Sequence 120, App
18	353.4	80.7	3699	US-08-308-865-120	Sequence 120, App
19	353.4	80.7	3699	US-08-646-538-6	Sequence 6, Appl
20	353.4	80.7	3699	US-09-503-222-6	Sequence 6, Appl
21	353.4	80.7	3699	PCT-US92-10983-120	Sequence 120, App
C 22	353.4	80.7	3705	US-09-282-996-3	Sequence 3, Appl
23	353.4	80.7	3737	US-08-184-208-1	Sequence 1, Appl
24	353.4	80.7	3799	US-09-173-053-4	Sequence 4, Appl
25	353.4	80.7	3803	US-07-640-476-1	Sequence 1, Appl
26	353.4	80.7	3819	US-09-042-353-393	Sequence 393, App
27	353.4	80.7	3819	US-08-758-417A-243	Sequence 243, App

C 28	353.4	80.7	3832	US-08-148-675A-2	Sequence 2, Appl
29	353.4	80.7	3881	US-09-042-353-369	Sequence 369, App
30	353.4	80.7	3881	US-08-758-417A-217	Sequence 217, App
31	353.4	80.7	3974	US-09-026-343-33	Sequence 33, Appl
32	353.4	80.7	3974	US-09-042-105-16	Sequence 16, Appl
33	353.4	80.7	3974	US-09-044-856A-7	Sequence 7, Appl
34	353.4	80.7	3974	US-09-023-082A-147	Sequence 147, App
35	353.4	80.7	3974	US-09-078-670-4	Sequence 4, Appl
36	353.4	80.7	3974	US-09-078-670-4	Sequence 4, Appl
37	353.4	80.7	3974	US-09-026-408-14	Sequence 14, Appl
38	353.4	80.7	3974	US-09-362-871-33	Sequence 33, Appl
39	353.4	80.7	3983	US-09-627-154-4	Sequence 4, Appl
40	353.4	80.7	3983	US-09-481-049-1	Sequence 1, Appl
41	353.4	80.7	3984	US-09-044-786A-10	Sequence 10, Appl
42	353.4	80.7	3984	US-09-725-160A-10	Sequence 10, Appl
43	353.4	80.7	3987	US-09-082-649B-83	Sequence 83, Appl
44	353.4	80.7	3987	US-09-082-649B-84	Sequence 84, Appl
C 45	353.4	80.7	4009	US-08-152-483B-6	Sequence 6, Appl

ALIGNMENTS

RESULT 1
US-09-025-769B-271/c
Sequence 271, Application US/09025769B
Patent No. 6300064
GENERAL INFORMATION:
APPLICANT: Knappik, Achim
APPLICANT: Pack, Peter
APPLICANT: Ila9, Vlc
APPLICANT: Ge, Liming
APPLICANT: Moroney, Simon
APPLICANT: Plueckthun, Andreas
TITLE OF INVENTION: Protein/(Poly)peptide libraries
NUMBER OF SEQUENCES: 373
CORRESPONDENCE ADDRESS:
ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10021
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30 (ERO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/025,769B
FILING DATE: 18-FEB-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 95 11 3021.0
FILING DATE: 18-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: James F. Haley, Jr., Esq.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: MORPHO/5
TELEPHONE: (212)596-9090
TELEFAX: (212)596-9090
INFORMATION FOR SEQ ID NO: 271:
SEQUENCE CHARACTERISTICS:
LENGTH: 733 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA cassette"
US-09-025-769B-271
Query Match 80.7%; Score 353.4; DB 4; Length 733;
Best Local Similarity 94.4%; Pred. No. 1e-108;

Matches 388; Conservative 0; Mismatches 21; Indels 2; Gaps 2;

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QY 1 GGAAGAAAGCAAGACCCAGAAAGGCGCCGAGGCGCTTTTCATAGCTCCGCC 60
D 709 GGAAGAGCCAGAGACCGTAAAGAGCGCGGTGTGCG-TTTTTCATAGGCTCCGCC 651
QY 61 CCCCAGAGAGCATCAAAAATGAGCTCAAGTCAGAGTGCGCAAAACCCGAGAGAC 120
D 650 CCCCAGAGAGCATCAAAAATGAGCTCAAGTCAGAGTGCGCAAAACCCGAGAGAC 591
QY 121 T-TAAGATACAGAGCGCTTCCCGGAGAGCTCCCTGTGCGCTTCTGTCCAGCC 179
D 590 TATTAAGATACAGAGCGCTTCCCGGAGAGCTCCCTGTGCGCTTCTGTCCAGCC 531
QY 180 TCCGCTTACCGGATACCTTCGCGCTTCTCTCCGAGAGCTGCGGCTTCTCAT 239
D 530 TCCGCTTACCGGATACCTTCGCGCTTCTCTCCGAGAGCTGCGGCTTCTCAT 471
QY 240 GCTACGCTGTGTGTATCTCATCTCGGTGAGTGTGCTTCCCTCAAGCTGAGCTGTGC 299
D 470 GCTACGCTGTGTGTATCTCATCTCGGTGAGTGTGCTTCCCTCAAGCTGAGCTGTGC 411
QY 300 ACGAAGCCCGCTTACGCGGACCATGCGCTTATCCGCTTACCTGCTGTGAGTCA 359
D 410 ACGAAGCCCGCTTACGCGGACCATGCGCTTATCCGCTTACCTGCTGTGAGTCA 351
QY 360 ACCCGTAAAGACAGACTTACGCACTGCGAGAGCGCATTTGTAAGTGA 410
D 350 ACCCGTAAAGACAGACTTATCGCACTGCGAGAGCGCATTTGTAAGTGA 300
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RESULT 2

US-09-025-769B-264/C
Sequence 264, Application US/09025769B
Patent No. 6300064

GENERAL INFORMATION:

APPLICANT: Knappik, Achim
APPLICANT: Pack, Peter
APPLICANT: Illay, Vic
APPLICANT: Ge, Liming
APPLICANT: Moroney, Simon
APPLICANT: Plueckhuhn, Andreas
TITLE OF INVENTION: Protein/(Poly)peptide Libraries
NUMBER OF SEQUENCES: 373
CORRESPONDENCE ADDRESS:
ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10021

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/025,769B
FILING DATE: 18-FEB-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 95 11 3021.0
FILING DATE: 18-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: James F. Haley, Jr., Esq.
REGISTRATION NUMBER: 27,794
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)596-9000
TELEFAX: (212)596-9090
INFORMATION FOR SEQ ID NO: 264:
SEQUENCE CHARACTERISTICS:
LENGTH: 1947 base pairs
type: nucleic acid

STRANDEDNESS: double

TOPOLOGY: circular
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic vector"

FEATURE:

NAME/KEY: CDS
LOCATION: 132..989

OTHER INFORMATION: /product= "Amp resistance"

Query Match

Best local similarity 94.4%; Pred. No. 1.6e-108;
Matches 388; Conservative 0; Mismatches 21; Indels 2; Gaps 2;

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QY 61 CCCCAGAGAGCATCAAAAATGAGCTCAAGTCAGAGTGCGCAAAACCCGAGAGAC 120
D 1734 CCCCAGAGAGCATCAAAAATGAGCTCAAGTCAGAGTGCGCAAAACCCGAGAGAC 1675
QY 121 T-TAAGATACAGAGCGCTTCCCGGAGAGCTCCCTGTGCGCTTCTGTCCAGCC 179
D 1674 TATTAAGATACAGAGCGCTTCCCGGAGAGCTCCCTGTGCGCTTCTGTCCAGCC 1615
QY 180 TCCGCTTACCGGATACCTTCGCGCTTCTCTCCGAGAGCTGCGGCTTCTCAT 239
D 1614 TCCGCTTACCGGATACCTTCGCGCTTCTCTCCGAGAGCTGCGGCTTCTCAT 1595
QY 240 GCTACGCTGTGTGTATCTCATCTCGGTGAGTGTGCTTCCCTCAAGCTGAGCTGTGC 299
D 1554 GCTACGCTGTGTGTATCTCATCTCGGTGAGTGTGCTTCCCTCAAGCTGAGCTGTGC 1495
QY 300 ACGAAGCCCGCTTACGCGGACCATGCGCTTATCCGCTTACCTGCTGTGAGTCA 359
D 1494 ACGAAGCCCGCTTACGCGGACCATGCGCTTATCCGCTTACCTGCTGTGAGTCA 1435
QY 360 ACCCGTAAAGACAGACTTACGCACTGCGAGAGCGCATTTGTAAGTGA 410
D 1434 ACCCGTAAAGACAGACTTATCGCACTGCGAGAGCGCATTTGTAAGTGA 1384
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RESULT 3

US-07-916-098A-7
Sequence 7, Application US/07916098A
Patent No. 5871732

GENERAL INFORMATION:

APPLICANT: BURKIV, LINDA C.
APPLICANT: THOMAS, DAVID W.
APPLICANT: ROSA, MARGARET D.
APPLICANT: ROSA, JOSEPH J.
TITLE OF INVENTION: ANTI-CD4 ANTIBODY HOMOLOGS USEFUL IN
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSEE: ALLEGRETTI & WITCOFF, LTD.
STREET: 10 SOUTH WACKER DRIVE
CITY: CHICAGO
STATE: ILLINOIS
COUNTRY: U.S.A.
ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/916,098A
FILING DATE: July 24, 1992
CLASSIFICATION: 424
PRIOR APPLICATION DATA:

QY 360 ACCGGTAGACAGCACTTACGCACTGGAGACCACTTGTACTGAA 410
DB 1458 ACCGGTAGACAGCACTTACGCACTGGAGACCACTGTAAGAGA 1508

RESULT 5
US-08-446-935-6

; Sequence 6, Application US/08446935
; Patent No. 6187991

GENERAL INFORMATION:

APPLICANT: Soeller, Walter C.
APPLICANT: Carly, Maynard D.
APPLICANT: Kreutler, David K.
TITLE OF INVENTION: TRANSGENIC ANIMAL MODELS FOR TYPE II
TITLE OF INVENTION: DIABETES MELLITUS
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc.
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,935
FILING DATE:
CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:
NAME: Sheyfa, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8153
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1169
TELEFAX: (212)573-1939
TELEX: N/A

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 2961 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
US-08-446-935-6

Query Match 80.7%; Score 353.4; DB 4; Length 2961;
Best Local Similarity 94.4%; Pred. No. 2e-108;
Matches 388; Conservative 0; Mismatches 21; Indels 2; Gaps 2;

QY 1 GAAAAAAGCAAGCCCAAGAAAGGCGCCGCGGAGCGCTTTTCATAGGCTCGCC 60
DB 1172 GAAAAAGCCAGAACCCGTAAGAGGCGGCTGTGCG-TTTTTCATAGGCTCGCC 1230
QY 61 CCCCCGAGCATCACAATAATGAGCTCAAGTCAAGAGTGCGCAACCCGAGAGAC 120
DB 1231 CCCCCGAGCATCACAATAATGAGCTCAAGTCAAGAGTGCGCAACCCGAGAGAC 1290
QY 121 T-TAAGATACAGAGGCTTCCCGGAGAGCTCCCTGACGCTCTCTGTTCGAGCC 179
DB 1291 TATTAAGATACAGAGGCTTCCCGGAGAGCTCCCTGACGCTCTCTGTTCGAGCC 1350
QY 180 TGGCGTTACCGGATACCTCTCGGCTTCTCCCTTGGGAGAGCTGGCGCTTTCATA 239
DB 1351 TGGCGTTACCGGATACCTCTCGGCTTCTCCCTTGGGAGAGCTGGCGCTTTCATA 1410
QY 240 GCTACGCTGTAGTATCTCACTGCTGAGTGTGCTTCCCTCAAGCTGGAGCTGTGCG 299
DB 1411 GCTACGCTGTAGTATCTCACTGCTGAGTGTGCTTCCCTCAAGCTGGAGCTGTGCG 1470

QY 300 ACAGACCCCGGTTACGCCGACACATGCGCTTATCCGATATGTTGATGCA 359
DB 1471 ACAGACCCCGGTTACGCCGACACATGCGCTTATCCGATATGTTGATGCA 1530
QY 360 ACCGGTAGACAGCACTTACGCACTGGAGACCACTTGTACTGAA 410
DB 1531 ACCGGTAGACAGCACTTACGCACTGGAGACCACTGTAAGAGA 1581

RESULT 6
US-09-027-169-6/c

; Sequence 6, Application US/09027169
; Patent No. 6420524

GENERAL INFORMATION:

APPLICANT: CRAIG, NANCY L.
TITLE OF INVENTION: GAIN OF FUNCTION MUTATIONS IN
TITLE OF INVENTION: ATP-DEPENDENT TRANSDUCTION PROTEINS
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Anne Brown (Alston & Bird, LLP)
STREET: 3605 Glenwood Ave.
CITY: Raleigh
STATE: NC
COUNTRY: USA
ZIP: 27608

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/027,169
FILING DATE:
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 5789-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919 420 2205
TELEFAX: 919 861 3175

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 3190 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: circular
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "pRM2 (target plasmid)"
US-09-027-169-6

Query Match 80.7%; Score 353.4; DB 4; Length 3190;
Best Local Similarity 94.4%; Pred. No. 2.1e-108;
Matches 388; Conservative 0; Mismatches 21; Indels 2; Gaps 2;

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QY 61 CCCCCGAGCATCACAATAATGAGCTCAAGTCAAGAGTGCGCAACCCGAGAGAC 120
DB 2991 CCCCCGAGCATCACAATAATGAGCTCAAGTCAAGAGTGCGCAACCCGAGAGAC 2932
QY 121 T-TAAGATACAGAGGCTTCCCGGAGAGCTCCCTGACGCTCTCTGTTCGAGCC 179
DB 2931 TATTAAGATACAGAGGCTTCCCGGAGAGCTCCCTGACGCTCTCTGTTCGAGCC 2872
QY 180 TGGCGTTACCGGATACCTCTCGGCTTCTCCCTTGGGAGAGCTGGCGCTTTCATA 239
DB 2871 TGGCGTTACCGGATACCTCTCGGCTTCTCCCTTGGGAGAGCTGGCGCTTTCATA 2812
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121 T-TAAGATACCAAGGCGTTTCCCCCCCCCGAAGC

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RESULT 9
545363-2/c
; Patent No. 5453363
; APPLICANT: RUDOLPH, RAINER; FISCHER, STEPHAN; MATTES, RALF
; TITLE OF INVENTION: PROCESS FOR THE ACTIVATION OF T-PA OR
; INS AFTER GENETIC EXPRESSION IN PROKARYOTES
; NUMBER OF SEQUENCES: 4
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/206,044
; FILING DATE: 02-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 942,370
; FILING DATE: 09-SEP-1992
; APPLICATION NUMBER: 498,500
; FILING DATE: 23-MAR-1990
; APPLICATION NUMBER: 76,207
; FILING DATE: 23-OCT-1986
; SEQ ID NO: 2:
; LENGTH: 3343
545363-2

Query Match      80.7%; Score 353.4; DB 6; Length 3343;
Best Local Similarity 94.4%; Pred. No. 2.1e-108;
Matches 388; Conservative 0; Mismatches 21; Indels 2; Gaps 2;

QY 1 GCAAAAACGAGAACCCAGAAAAGCCGCGCGGAGCGCTTTTCCATAGGCTCCGCC 60
DB 3203 GCAAAAAGCCAGAGAACCTTAAAGAGCCGCTTCTGCGCG-TTTTCCATAGGCTCCGCC 3145
QY 61 CCCCTGACGAGCATCAAAAATGACGGCTCAAGTCAGAGGTGGCAAAACCGACAGGAC 120
DB 3144 CCCCTGACGAGCATCAAAAATGACGGCTCAAGTCAGAGGTGGCAAAACCGACAGGAC 3085
QY 121 T-TAAAGATACAGAGCGTTTCCCGGAGAGTCCCTGCGCTCTCTCTGTCGAGCC 179
DB 3084 TATAAAGATACAGAGCGTTTCCCGGAGAGTCCCTGCGCTCTCTCTGTCGAGCC 3025
QY 180 TCCCGCTTACCGATACCTCTCCGCTTCTCTCTGCGGAGAGCGGCGCTTCTCAT 239
DB 3024 TCCCGCTTACCGATACCTCTCTCTGCGGAGAGCGGCGCTTCTCAT 2965
QY 240 GCTACGCTGTGTGATCTGATGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 299
DB 2964 GCTACGCTGTGTGATCTGATGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 2905
QY 300 ACGAAGCCCGCTTACGCGCCAGCAGCTGCGCTTATCCGGTAACATGCTGTGATCA 359
DB 2904 ACGAAGCCCGCTTACGCGCCAGCAGCTGCGCTTATCCGGTAACATGCTGTGATCA 2845
QY 360 ACCCGTAAGACACAGACTTACGCACTGGCAGAGCGCATTTGTATACGAA 410
DB 2844 ACCCGTAAGACACAGACTTACGCACTGGCAGAGCGCATTTGTATACGAA 2794

RESULT 10
US-08-944-916-12
; Sequence 12, Application US/08944916
; Patent No. 5948622
; GENERAL INFORMATION:
; APPLICANT: Reznikoff, William S
; APPLICANT: Goryshin, Igor Y
; APPLICANT: Zhou, Hong
; TITLE OF INVENTION: System for in Vitro Transposition
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 1 South Pinckney Street
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53703
```

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/944,916
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/814,877
FILING DATE: 09-SEP-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/850,880
FILING DATE: 02-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Berson, Bennett J
REGISTRATION NUMBER: 37094
REFERENCE/DOCKET NUMBER: 960296.94916
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608/251-5000
FAX: 608/251-9166
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 3418 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Plasmid pR27075"
US-08-944-916-12

Query Match      80.7%; Score 353.4; DB 2; Length 3418;
Best Local Similarity 94.4%; Pred. No. 2.1e-108;
Matches 388; Conservative 0; Mismatches 21; Indels 2; Gaps 2;

QY 1 GCAAAAACGAGAACCCAGAAAAGCCGCGCGGAGCGCTTTTCCATAGGCTCCGCC 60
DB 1551 GCAAAAAGCCAGAGAACCTTAAAGAGCCGCTTCTGCGCG-TTTTCCATAGGCTCCGCC 1609
QY 61 CCCCTGACGAGCATCAAAAATGACGGCTCAAGTCAGAGGTGGCAAAACCGACAGGAC 120
DB 1610 CCCCTGACGAGCATCAAAAATGACGGCTCAAGTCAGAGGTGGCAAAACCGACAGGAC 1669
QY 121 T-TAAAGATACAGAGCGTTTCCCGGAGAGTCCCTGCGCTCTCTCTGTCGAGCC 179
DB 1670 TATAAAGATACAGAGCGTTTCCCGGAGAGTCCCTGCGCTCTCTCTGTCGAGCC 1729
QY 180 TCCCGCTTACCGATACCTCTCTCTGCGGAGAGCGGCGCTTCTCAT 239
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QY 240 GCTACGCTGTGTGATCTGATGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 299
DB 1790 GCTACGCTGTGTGATCTGATGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1849
QY 300 ACGAAGCCCGCTTACGCGCCAGCAGCTGCGCTTATCCGGTAACATGCTGTGATCA 359
DB 1850 ACGAAGCCCGCTTACGCGCCAGCAGCTGCGCTTATCCGGTAACATGCTGTGATCA 1909
QY 360 ACCCGTAAGACACAGACTTACGCACTGGCAGAGCGCATTTGTATACGAA 410
DB 1910 ACCCGTAAGACACAGACTTACGCACTGGCAGAGCGCATTTGTATACGAA 1960

RESULT 11
US-09-058-483-9
; Sequence 9, Application US/09058483A
; Patent No. 6365347
; GENERAL INFORMATION:
; APPLICANT: Murray, Andrew W.
; APPLICANT: Smith, Dana L.
; APPLICANT: Sorger, Peter K.
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Query Match	80.7%;	Score 353.4;	DB 3;	Length 3604;
Best Local Similarity	94.4%;	Pred. No. 2.2e-108;		
Matches 388; Conservative	0;	Mismatches 21;	Indels 2;	Gaps 2

TOPOLGY: linear

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2
3
4
5
6
7
8
9
10

Query Match 80.7%: Score 353.4; DB 1; Length 3664;
Best Local Similarity 94.4%; Pred. No. 2.2e-108;
Matches 388; Conservative 0; Mismatches 21; Indels 2; Gaps 2;

QY 1 GCAAAAACGAAACCCGAAAGAGGCGCTTTTCATAGAGCTCCGCC 60
DB 3524 GCAAAAAGCCGAGAAACCGTAAAGAGCGCTTTCATAGAGCTCCGCC 3466
QY 61 CCCCCGAGAGCATCAAAAATGAGCGCAAGTCAGAGTCGCAAAACCGAGAC 120
DB 3465 CCCCCGAGAGCATCAAAAATGAGCGCAAGTCAGAGTCGCAAAACCGAGAC 3406
QY 121 T-TAAGATACAGAGCGCTTTCCCGGAGAGCTCCCTTCCTCTCTCCAGCC 179
DB 3405 TATTAAGATACAGAGCGCTTTCCCGGAGAGCTCCCTTCCTCTCTCCAGCC 3346
QY 180 TCCCGCTTACCGGATACCTCCGCTTCTCCCTGAGGAGAGCGGCTTCTCAT 239
DB 3345 TCCCGCTTACCGGATACCTCCGCTTCTCCCTGAGGAGAGCGGCTTCTCAT 3286
QY 240 GCTCAGCGCTGTGTATCTCAAGTTCGAGTTCGCTTCCTCAAGCTGGGCTGTG 299
DB 3285 GCTCAGCGCTGTGTATCTCAAGTTCGAGTTCGCTTCCTCAAGCTGGGCTGTG 3226
QY 300 ACGAACCCCGCTTACGCGGACGACCTGCGCTTATCCGCTACATAGCTTAGTCA 359
DB 3225 ACGAACCCCGCTTACGCGGACGACCTGCGCTTATCCGCTACATAGCTTAGTCA 3166
QY 360 ACCCGGTAAAGACAGCTTTAGCGCAGTGGCAGAGCCATTGGTAACGAA 410
DB 3165 ACCCGGTAAAGACAGCTTTAGCGCAGTGGCAGAGCCATTGGTAACGAA 3115

RESULT 14

US-08-053-131-120
Sequence 120, Application US/08053131
Patent No. 5661016

GENERAL INFORMATION:

APPLICANT: Lomborg, Nils
APPLICANT: Kay, Robert M.
TITLE OF INVENTION: Transgenic No. 5661016-Human Animals for
TITLE OF INVENTION: Producing Heterologous Antibodies
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend Kourie and Crew
STREET: One Market Plaza, Steuart Tower, Suite 200
CITY: San Francisco
STATE: California
COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/053,131
FILING DATE: 26-APR-1993
CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/990,860
FILING DATE: 16-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/810,279
FILING DATE: 17-DEC-1991
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/853,408
FILING DATE: 18-MAR-1992

ATTORNEY/AGENT INFORMATION:

NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 14643-9-3
TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 120:

SEQUENCE CHARACTERISTICS:
LENGTH: 3699 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-053-131-120

Query Match 80.7%: Score 353.4; DB 1; Length 3699;
Best Local Similarity 94.4%; Pred. No. 2.2e-108;
Matches 388; Conservative 0; Mismatches 21; Indels 2; Gaps 2;

QY 1 GCAAAAACGAAACCCGAAAGAGGCGCTTTTCATAGAGCTCCGCC 60
DB 1832 GCAAAAAGCCGAGAACCCGTAAGAGGCGGCTTTCATAGAGCTCCGCC 1890
QY 61 CCCCCGAGAGCATCAAAAATGAGCGCAAGTCAGAGTCGCAAAACCGAGAC 120
DB 1891 CCCCCGAGAGCATCAAAAATGAGCGCAAGTCAGAGTCGCAAAACCGAGAC 1950
QY 121 T-TAAGATACAGAGCGCTTTCCCGGAGAGCTCCCTTCCTCTCTCCAGCC 179
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QY 180 TCCCGCTTACCGGATACCTCCGCTTCTCCCTGAGGAGAGCGGCTTCTCAT 239
DB 2011 TCCCGCTTACCGGATACCTCCGCTTCTCCCTGAGGAGAGCGGCTTCTCAT 2070
QY 240 GCTCAGCGCTGTGTATCTCAAGTTCGAGTTCGCTTCCTCAAGCTGGGCTGTG 299
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QY 300 ACGAACCCCGCTTACGCGGACGACCTGCGCTTATCCGCTACATAGCTTAGTCA 359
DB 2131 ACGAACCCCGCTTACGCGGACGACCTGCGCTTATCCGCTACATAGCTTAGTCA 2190
QY 360 ACCCGGTAAAGACAGCTTTAGCGCAGTGGCAGAGCCATTGGTAACGAA 410
DB 2191 ACCCGGTAAAGACAGCTTTAGCGCAGTGGCAGAGCCATTGGTAACGAA 2241

RESULT 15

US-08-645-641-120
Sequence 120, Application US/08645641
Patent No. 5719032

GENERAL INFORMATION:

APPLICANT: Lomborg, Nils
APPLICANT: Kay, Robert M.
TITLE OF INVENTION: Transgenic No. 5719032-Human Animals for
TITLE OF INVENTION: Producing Heterologous Antibodies
NUMBER OF SEQUENCES: 150
CORRESPONDENCE ADDRESS:

ADDRESSEE: William M. Smith
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/645,641
FILING DATE: 20-MAY-1996
CLASSIFICATION: 800

APPLICATION NUMBER: US 07/904,068
FILING DATE: 23-JUN-1992

GenCore version 5.1.4.p5.4578
Copyright (c) 1993 - 2003 CompuGen Ltd.

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Run on: May 9, 2003, 11:59:40 ; Search time 136 seconds
(without alignments)
4002.241 Million cell updates/sec

Title: US-09-409-800b-3_COPY_2389_2826

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Scoring table: IDENTITY_NUC
Gapop 10.0, Gapext 1.0

Searched: 783854 seqs, 621352466 residues

Total number of hits satisfying chosen parameters: 1567708

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications.NR.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	361.2	82.5	5713	10	US-09-963-206B-5
3	353.4	80.7	491	10	US-09-878-574-4465
4	353.4	80.7	519	10	US-09-815-242-1085
5	353.4	80.7	521	10	US-09-815-242-1085
6	353.4	80.7	578	10	US-09-815-242-1072
7	353.4	80.7	579	10	US-09-815-242-1066
8	353.4	80.7	579	10	US-09-815-242-1093
9	353.4	80.7	699	10	US-09-878-574-4813
10	353.4	80.7	706	9	US-09-764-868-1383
11	353.4	80.7	706	9	US-09-764-868-1388
12	353.4	80.7	1796	9	US-09-764-868-1380
13	353.4	80.7	1796	9	US-09-764-891-8685
14	353.4	80.7	1953	10	US-09-974-300-6091
15	353.4	80.7	2192	9	US-10-021-403A-10
16	353.4	80.7	2212	9	US-09-764-891-5577
17	353.4	80.7	2212	9	US-09-764-891-5607
18	353.4	80.7	2213	9	US-09-764-868-1456
19	353.4	80.7	2213	9	US-09-764-868-1462

c 20	353.4	80.7	2213	9	US-09-764-891-5570	Sequence 5570, Ap
c 21	353.4	80.7	2213	9	US-09-764-891-5560	Sequence 5600, Ap
c 22	353.4	80.7	2297	9	US-09-891-865A-11	Sequence 11, Appl
c 23	353.4	80.7	2570	10	US-09-836-737A-1	Sequence 1, Appl
c 24	353.4	80.7	2839	10	US-09-809-517A-36	Sequence 36, Appl
c 25	353.4	80.7	3031	9	US-09-891-865A-12	Sequence 12, Appl
c 26	353.4	80.7	3128	9	US-09-891-865A-13	Sequence 13, Appl
c 27	353.4	80.7	3190	9	US-10-024-809-6	Sequence 6, Appl
c 28	353.4	80.7	3277	12	US-10-007-483-8	Sequence 8, Appl
c 29	353.4	80.7	3311	9	US-09-797-496B-4	Sequence 3, Appl
c 30	353.4	80.7	3355	9	US-09-797-496B-4	Sequence 3, Appl
c 31	353.4	80.7	3393	9	US-09-891-865A-3	Sequence 4, Appl
c 32	353.4	80.7	3444	9	US-09-891-865A-3	Sequence 4, Appl
c 33	353.4	80.7	3544	9	US-10-021-403A-9	Sequence 9, Appl
c 34	353.4	80.7	3637	9	US-10-206-030-3	Sequence 3, Appl
c 35	353.4	80.7	3637	12	US-10-066-390-4	Sequence 4, Appl
c 36	353.4	80.7	3637	12	US-10-066-390-4	Sequence 4, Appl
c 37	353.4	80.7	3637	12	US-10-066-390-4	Sequence 4, Appl
c 38	353.4	80.7	3662	9	US-10-001-189-41	Sequence 41, Appl
c 39	353.4	80.7	3768	10	US-09-392-462-1	Sequence 1, Appl
c 40	353.4	80.7	3768	10	US-09-392-462-1	Sequence 1, Appl
c 41	353.4	80.7	3796	9	US-10-127-391-32	Sequence 32, Appl
c 42	353.4	80.7	3859	9	US-09-813-453A-76	Sequence 76, Appl
c 43	353.4	80.7	3881	9	US-10-000-433-1	Sequence 1, Appl
c 44	353.4	80.7	3934	9	US-09-813-453A-77	Sequence 77, Appl
c 45	353.4	80.7	3934	9	US-09-891-865A-14	Sequence 14, Appl

ALIGNMENTS

RESULT 1
US-09-966-976A-5
Sequence 5, Appl
Patent No. US020016864981
GENERAL INFORMATION: Ferrick, David A.
APPLICANT: Ferrick, David A.
APPLICANT: Smith, Susan E.
APPLICANT: Armstrong, Randall
APPLICANT: Fox, Bryan
TITLE OF INVENTION: Methods and Compositions for Screening for Modulators and Ige
FILE REFERENCE: A-66038-4/RMS/UTD/DIR
CURRENT APPLICATION NUMBER: US/09/966,976A
PRIORITY FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: US 09/076,624
PRIOR FILING DATE: 1998-05-12
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 5713
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: synthetic
US-09-966-976A-5
Query Match
Best Local Similarity 82.5%; Score 361.2; DB 9; Length 5713;
Matches 386; Conservative 0; Mismatches 23; Indels 1; Gaps 1;
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61 CCGCTGAGAGACATCAAAATTCAGAGCTTCAGAGTGGCGAAGCCGAGAGAC 120
4033 CCGCTGAGAGACATCAAAATTCAGAGCTTCAGAGTGGCGAAGCCGAGAGAC 4092
121 TTAAGATACAGAGCTTTCCCGGAGAGCTCCCTGCGCTCTCTGTCGAGACCT 180
4093 TTAAGATACAGAGCTTTCCCGGAGAGCTCCCTGCGCTCTCTGTCGAGACCT 4152


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APPLICANT: Carr, Grant J.
APPLICANT: Yamamoto, Robert T.
APPLICANT: Xu, H. Howard
TITLE OF INVENTION: Identification of Essential Genes in
FILE REFERENCE: ELITRA.011A
CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 14110
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1072
LENGTH: 578
TYPE: DNA
ORGANISM: Klebsiella pneumoniae
US-09-815-242-1072
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Best Local Similarity 94.4%; Pred. No. 2.1e-112;
Matches 388; Conservative 0; Mismatches 21; Indels 2; Gaps 2;
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QY 1 GCAAAAACGAGAACCCGAGAAAGGCGCGGAGGCGCTTTTCATAGGCTCCGCC 60
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DB 422 GCAAAAGGCGAGAACCGTAAAGGCGCGCTTGTGCGCG-TTTTCATAGGCTCCGCC 364
QY 61 CCCCTGAGAGCATCAAAAAATGAGCTCAAGTCAAGTGGCGAAACCCGAGAGAC 120
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DB 363 CCCCTGAGAGCATCAAAAAATGAGCTCAAGTCAAGTGGCGAAACCCGAGAGAC 304
QY 121 T-TAAAGATACAGAGGCTTCCCGGAGAGTCCCTGCTGCTCCGTTCGAGACC 179
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DB 303 TTTAAAGATACAGAGGCTTCCCGGAGAGTCCCTGCTGCTCCGTTCGAGACC 244
QY 180 TCGCGCTTACCGGATACCTCCCGCTTCTCCCTTGGGAGGCGGCTTCTCATTA 239
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DB 243 TCGCGCTTACCGGATACCTCCCGCTTCTCCCTTGGGAGGCGGCTTCTCATTA 184
QY 240 GCTCAGCTGTTGCTATCTCAGTTGCTGAGTGGTGGCTCCAAAGCTGGGCTGTGTC 299
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DB 123 ACGAAGCCCGGCTTACGCCAGCAGCTGCGCTTACCGTAACTATCGCTTGAAGTCA 64
QY 360 ACCCGGTAAAGACAGACTTACGCCAGCAGCTGCGCTTGAAGTGAAGTGA 410
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DB 63 ACCCGGTAAAGACAGACTTACGCCAGCAGCTGCGCTTGAAGTGAAGTGA 13
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RESULT 7
US-09-815-242-1066/c
Sequence 1066, Application US/09815242
Patent No. US20020061569A1
GENERAL INFORMATION:
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Karl E.
APPLICANT: Zyskind, Judith W.
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John D.
```

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APPLICANT: Carr, Grant J.
APPLICANT: Yamamoto, Robert T.
APPLICANT: Xu, H. Howard
TITLE OF INVENTION: Identification of Essential Genes in
FILE REFERENCE: ELITRA.011A
CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 14110
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1066
LENGTH: 579
TYPE: DNA
ORGANISM: Klebsiella pneumoniae
US-09-815-242-1066
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Query Match      80.7%; Score 353.4; DB 10; Length 579;
Best Local Similarity 94.4%; Pred. No. 2.1e-112;
Matches 388; Conservative 0; Mismatches 21; Indels 2; Gaps 2;
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QY 1 GCAAAAACGAGAACCCGAGAAAGGCGCGGAGGCGCTTTTCATAGGCTCCGCC 60
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DB 422 GCAAAAGGCGAGAACCGTAAAGGCGCGCTTGTGCGCG-TTTTCATAGGCTCCGCC 364
QY 61 CCCCTGAGAGCATCAAAAAATGAGCTCAAGTCAAGTGGCGAAACCCGAGAGAC 120
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DB 363 CCCCTGAGAGCATCAAAAAATGAGCTCAAGTCAAGTGGCGAAACCCGAGAGAC 304
QY 121 T-TAAAGATACAGAGGCTTCCCGGAGAGTCCCTGCTGCTCCGTTCGAGACC 179
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QY 300 ACGAAGCCCGGCTTACGCCAGCAGCTGCGCTTACCGTAACTATCGCTTGAAGTCA 359
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
DB 123 ACGAAGCCCGGCTTACGCCAGCAGCTGCGCTTACCGTAACTATCGCTTGAAGTCA 64
QY 360 ACCCGGTAAAGACAGACTTACGCCAGCAGCTGCGCTTGAAGTGAAGTGA 410
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DB 63 ACCCGGTAAAGACAGACTTACGCCAGCAGCTGCGCTTGAAGTGAAGTGA 13
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RESULT 8
US-09-815-242-1083/c
Sequence 1083, Application US/09815242
Patent No. US20020061569A1
GENERAL INFORMATION:
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Karl E.
APPLICANT: Zyskind, Judith W.
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John D.
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RESULT 9
 US-09-878-574-4813
 ; Sequence 4813, Application US/09878574
 ; Patent No. US2002010548A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Byrum, Joseph R.
 ; APPLICANT: la Rosa, Thomas J.
 ; APPLICANT: Thompson, Michael D.
 ; TITLE OF INVENTION: Nucleic Acid Molecules and other Molecules Associated with
 ; TITLE OF INVENTION: Plants

Query Match 80.7%; Score 353.4; DB 9; Length 706;
Best Local Similarity 94.4%; Pred. No. 2.2e-112;
Matches 388; Conservative 0; Mismatches 21; Indels 2; Gaps 2


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; SEQ ID NO 8685
; LENGTH: 1796
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-8685

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Query Match
Best Local Similarity 94.4%; Score 353.4; DB 9; Length 1796;
Matches 388; Conservative 0; Mismatches 21; Indels 2; Gaps 2;

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Db 1597 CCCCTGACGAGCATACAAAAATCGACGCTCAAGTCAAGAGGTGGGAAAACCCGACAGAC 1538
QY 121 T-TAAAGATACAGGCGCTTCCCGGAGAGCTCCGCGGCTCTCTGTTCCGACCC 179
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Db 1537 TATTAAGATACAGGCGCTTCCCGGAGAGCTCCGCGGCTCTCTGTTCCGACCC 1478
QY 180 TCCCGCTTACGAGATACCTCTCCGCTTCTCCCTTGGGAGACGCTGCGCTTTCATA 239
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QY 240 GCTACGCTGTGTATCTCAAGTTCGAGTGAAGTCTGCTCCAGAGCTGGGCTGTGTC 299
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QY 300 ACAGAACCCCGCTTACGCGGACGACGCTGCGCTTATCCGCTAATGCTGTGATGCA 359
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Db 1337 ACAGAACCCCGCTTACGCGGACGACGCTGCGCTTATCCGCTAATGCTGTGATGCA 1298
QY 360 ACCCGGTAGACACGACTTACGCGCTACGCGACGAGCCATGTTACTGAA 410
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RESULT 14
US-09-974-300-6091/C
; Sequence 6091, Application US/09974300
; Patent No. US20020146721A1
; GENERAL INFORMATION:
; APPLICANT: Berka, Randy M.
; APPLICANT: Claused, Ib Groth
; TITLE OF INVENTION: Methods For Monitoring Multiple Gene
; FILE REFERENCE: 10085,500-US
; CURRENT FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: 09/680,598
; PRIOR FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: 60/279,526
; NUMBER OF SEQ ID NOS: 8481
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6091
; LENGTH: 1953
; TYPE: DNA
; ORGANISM: Bacillus clausii
US-09-974-300-6091

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Query Match
Best Local Similarity 94.4%; Score 353.4; DB 10; Length 1953;
Matches 388; Conservative 0; Mismatches 21; Indels 2; Gaps 2;
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QY 61 CCCCTGACGAGCATACAAAAATCGACGCTCAAGTCAAGAGGTGGGAAAACCCGACAGAC 120
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Db 1755 CCCCTGACGAGCATACAAAAATCGACGCTCAAGTCAAGAGGTGGGAAAACCCGACAGAC 1696
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QY 180 TCCCGCTTACGAGATACCTCTCCGCTTCTCCCTTGGGAGAGCTGGGCGCTTTCATA 239
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Db 1635 TCCCGCTTACGAGATACCTCTCCGCTTCTCCCTTGGGAGAGCTGGGCGCTTTCATA 1576
QY 240 GCTACGCTGTGTATCTCAAGTTCGAGTGAAGTCTGCTCCAGAGCTGGGCTGTGTC 299
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Db 1575 GCTACGCTGTGTATCTCAAGTTCGAGTGAAGTCTGCTCCAGAGCTGGGCTGTGTC 1516
QY 300 ACAGAACCCCGCTTACGCGGACGACGCTGCGCTTATCCGCTAATGCTGTGATGCA 359
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1515 ACAGAACCCCGCTTACGCGGACGACGCTGCGCTTATCCGCTAATGCTGTGATGCA 1456
QY 360 ACCCGGTAGACACGACTTATCCGCTACGCGACGAGCCATGTTACTGAA 410
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1455 ACCCGGTAGACACGACTTATCCGCTACGCGACGAGCCATGTTACTGAA 1405

```

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RESULT 15
US-10-021-403A-10
; Sequence 10, Application US/10021403A
; Publication No. US20030074679A1
; GENERAL INFORMATION:
; APPLICANT: AGVATYS
; TITLE OF INVENTION: Administration of Nucleic Acid Sequence to Female Animal to En
; FILE REFERENCE: HO-P02021US/1002146/OTA 00-91
; CURRENT APPLICATION NUMBER: US/10/021,403A
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: 60/255,021
; PRIOR FILING DATE: 2000-12-12
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 2192
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: This is a plasmid vector comprising a pVC0289 backbone
US-10-021-403A-10

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Query Match
Best Local Similarity 94.4%; Score 353.4; DB 9; Length 2192;
Matches 388; Conservative 0; Mismatches 21; Indels 2; Gaps 2;

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QY 1 GCAAAAACGAGAGACCCAGAAAAGGCGCGCCGAGAGCGCTTTTCCATAGGCTCCGCC 60
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 445 GCAAAAGCCAGAGACCGTAAAGAGGCGCGCTGCTGGG-TTTTTCATAGGCTCCGCC 503
QY 61 CCCCTGACGAGCATACAAAAATCGACGCTCAAGTCAAGAGGTGGGAAAACCCGACAGAC 120
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 504 CCCCTGACGAGCATACAAAAATCGACGCTCAAGTCAAGAGGTGGGAAAACCCGACAGAC 563
QY 121 T-TAAAGATACAGGCGCTTCCCGGAGAGCTCCCTGCTGCTCTCTGTTCCAGACC 179
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 564 TATTAAGATACAGGCGCTTCCCGGAGAGCTCCCTGCTGCTCTCTGTTCCAGACC 623
QY 180 TCCCGCTTACGAGATACCTCTCCGCTTCTCCCTTGGGAGAGCTGGGCGCTTTCATA 239
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 624 TCCCGCTTACGAGATACCTCTCCGCTTCTCCCTTGGGAGAGCTGGGCGCTTTCATA 683
QY 240 GCTACGCTGTGTATCTCAAGTTCGAGTGAAGTCTGCTCCAGAGCTGGGCTGTGTC 299
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 684 GCTACGCTGTGTATCTCAAGTTCGAGTGAAGTCTGCTCCAGAGCTGGGCTGTGTC 743
QY 300 ACAGAACCCCGCTTACGCGGACGACGCTGCGCTTATCCGCTAATGCTGTGATGCA 359
   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 744 ACAGAACCCCGCTTACGCGGACGACGCTGCGCTTATCCGCTAATGCTGTGATGCA 803

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OY 360 ACCGGTAGACAGAGACTTACGCCACHTGGACAGACCATTTGGTAAGTGA 410
|||||
DB 804 ACCGGTAGACAGAGACTTATCGCCACTGGACAGACCCACTGGTAACAGGA 854
|||||

Search completed: May 9, 2003, 13:01:25
JOB time : 148 secs